Memorandum

[redacted]

Heard an inmn ST

~~Substitute~~.

Common Nsd copulating at night

males on one side of Island and females on another

8 | 24 | 3 3

26 | 150 | 57
130
20

5pm
57% of 26 on nest

SB

#	1 egg	2 eggs	3 eggs
	IIII	III	I
	IIII	IIII IIII	
	I	IIII III	
		IIII II	

1 SNC + 1 egg
IIII I

1 chick
III

2 SNC
IIII

LDN
III

SDN
I

1 SNC + 1 egg
I

NN I

Steve

2
5P
36 — density per 10pt area
39
34
36
145

36.2
4 | 145
12
25
24
10

Max
min.

1825
1500
430
375
8

2990
29,745
3
4000
2000
39,745

Steve

190
475
365
5
1825

1 1 1

8 BFB on 2 approaches

all red lights on exits
N. Phase

65%

58 | 380
348
32

RF lines

RF

M F

199

354
137
521

RFB
out
alleys
ISN

5pm
65% of 58 on exits
were Fenders

ST segments

49.3 X 35.7
46.8 X 34.3
51.7 X 36.9
51.8 X 35.8
52.1 X 35.9
51.3 X 35.2
50.3 X 36.3
50.3 34.5
52.4 X 38.5
50.6 X 35.5
49.6 X 37.7
55.3 X 35.6
51.9 X 34.4
51.1 X 37.5
48.7 X 36.2
47.8 X 36.2
50.0 X 35.1
53.1 X 35.9
52.4 X 37.2

46.3 X 34.9
50.2 X 37.0
49.0 X 35.0
53.2 X 35.0
52.2 X 33.8
56.1 X 35.5
50.2 X 36.3
52.0 X 36.9
52.7 X 36.1
52.7 X 35.5
51.8 X 35.3
48.6 X 36.6
51.1 X 36.8
50.6 X 36.1
49.5 X 36.3
53.7 X 36.0
52.9 X 35.3
49.5 X 36.3
50.7 X 36.4
49.4 X 34.8

ST egg measurements

50.8 x 34.9
51.8 X 35.6
52.5 X 34.2
50.5 X 35.6
52.9 X 35.0

Sooty Tern Return 11 April

~~ST~~ 763-95593 nogg
773-00630 Ad. o.c.
893-59630 "
773 00259 "
923-00280 "
773-17086 "
923 62243 Defn almost Var Var BP
773 41435

Brown Noddy Return
753-30486 Var BP

RFB 9 April

S7786201 – Ad on post. built nest

02 — Ad nonest

03 ♂ Ad nonest

04 subad

05 Ad ♂

06 Ad many

07 Ad ♂

08 Ad ♀ ½ built nest

09 Ad ♀ on ½ " "

10 ♂ + 11 ♀ egg

12 ♀ + Ad post. Built

13 ♀ many

14 ♀ many

15 ♀ many

16 ♀ + 17 ♀ on ½ nest

18 Ad ♂ many

19 ♀ many

20 ♀ many

21 ♂ many

22 ♂ on egg

RFB 11 April

23-24 ♂ many

25 ♀ many

26-27 ♂ on egg

28 ♀ on ½ nest

29 ♂ many

30 ♀ many

31 ♂ many

32 ♂ many

33 subad ♀

34 subad ♀

+ 35 Im.m / subad

36 Ad ♀ spotty on back + wings

37 ♀/104 ♀

38 Ad roost

39 subad ♂

40 ♂ Ad roost

41-42 subad

43 ~~Subad~~ imm

44 Subad ♂

45 subad Unk

587-862 RFB

46 – juv

47 ♀ Ad ½ Nest

48 Ad egg

49 Ad ♀ egg

50 Ad ♂ roost

51-52 ♂ egg

53 ♀ egg

54 ♂ egg

55 Subad roost

56 Ad Roost

57 ♀ egg

58 ♂ egg

Great Egrets

59-62 Ad ♂

63 juv YF

64 88 Ad ♂

89-90 juv

91 -300 Ad ♂

YF

RB

H Apid

H Apid RFB Return.

737450238 ♂ on egg

76753312 ♂ on ½ Nest

76753391 ♀ on egg

587 90351 9/10 Ad.

767 48641 Ad ♀ on egg

737 43778 ♀ ½ Nest

737 45022 ♀ on egg

587 85452 Subad ♂ 2

587 85410 Ad ♀

767 47064 Ad ♂

767 53729 ♀ AL

767 44587 juv Black Pat

757 28801 ♂ SY Bad roost

767 47116 Ad ♀ roost

767 43000 Ad ♂ roost

767 53345 ♀ on egg

767 53205 ♀ egg

767 53207 ♀ egg

767 50399 ♂ on egg

757 60714 ♂ on egg

1-15
is in
Rogers book

H April GF

587-86016 Tann GF

17-23 ♂ Ad GF

24 Ad ♂

25 Ad ♀

26 ♂ Ad

27 ♀ Ad

28-39 ♂ Ad

40 imm

41-52 ♂ Ad

53 imm

54-56 Ad ♂

next page

Circled ones BFB
next BB Hspnl

587 86079 inn BB
78 ♀ on 2 eggs
77 ♀ on 1 egg + 1 SNC
76 ♂ on eggs next
75 ♂ + 2 SNC
74 inn / Subad BFB
73 ♂ BFB
71 ♀ BB nest
72 Subad BFB
70 Subad BB
69 Ad ♂ + SN
68 Ad ♀ BFB
67 ♂ BB on 2 eggs
66 ♂ BB on 2 eggs
65 Ad ♂ on 2 SNC
64 BB LDN
63 ♀ BFB Ad
62 ♀ BFB on 4 eggs
61 ♂ BB on SNC
608 2 eggs

737-45700 ♀
BFB on 2 eggs
next

BB
587-86059 8 Ac + 58 LDN
5 7 dtm 2 ayyg

Hospital Great Falls

5878650 1-31 A♂♀ GF

32- A♀

33 A♀ trace of rusty feathers on breast

34 A♂

35 A♀

36 A♂

~~37 A♂ 2 pups~~

~~38 A♂~~

37 A♂

38 A♂

39 A♀

40 A♂

41-51 A♀

52 im

53-58 A♀

59 A♂

60-~~61~~ A♀

~~62~~ A♂

63 ~~A♂~~ - 71 A♀

April 11 Brown Booby

587-866 ♀ +SNC

599 ♂ +SNC + egg

598 ♀ & roost

597 LDN

596 ♀ + egg

595 ♀ roost

594 ♂ on egg

593 ♂ on 2 egg

592 ♀ roost

591 ♂ on egg + SNC

590 ♂ 2 egg

589 ♀ + 1 SNC

588 ♀ roost

587 ♂ egg + SNC

586 ♂ on 2 egg

585 ♂ roost

584 dead

583 ♂ on 2 egg

582-81 ♂ + 2 egg

580 ♀ + SNC

BB

79 ♀ on 2 egg

78 ♂ + 2 egg

77 ♂ + SNC

76 ♀ + SNC + egg

75 ♂ + 2 egg

74 ♂ roost

73 ♂ roost

72 ♂ roost

11 April JF

587-86601-02 ♂♀

03 ♂

04-07 ♀♂

08 ♂

09-16 ♀♂

17 imm

18-19 ♂♀

20 ♀

21 imm

22-23 ♂♀

24 ♂♀

25 imm

26-39 ♂♀

40 ♀ BB on SN of 4

↓737-45003 ♀ ↑ mate 86700

↓ Brown B.
767-53292 ♀
mate to
587-86099

7 April
587-[redacted] BB
86700 subad.
699 ♂ + SNC
98 ♂ roost
97 ♀ + 2 eggs
96 ♂ + SNC
95 ♂ + 2 SNC + 1 egg
94 ♀ + 93 MON
92 ♂ + 2 eggs
91 down
90 ♂ + 2 eggs
89 ♂ roost
88 ♀ + 87 ♂ + 1 SNC
86 ♀ roost
85 ♂ + SNC + egg
84 ♀ roost
83 ♀ roost
82 ♂ roost
81 ♀ roost
80 ♀ roost
79 ♀ one egg

BB

587-86678 ♂ frost

BB | 77 ♀ + 2 SNC
76 ♂ 2 SNC
75 ♂ 2 ovipp

Red Footed Booby

74 ♂ frost
73 ♂ ovipp
72 ♂ ovipp
71 ♂ roost
70 ♂ ½ nest
69 ♂ ovipp
68 ♀ ovipp
67 ♂ ovipp
66 ♂ ovipp
65 ♂ ovipp
64 ♂ ovipp
63 ♂ ovipp
62 ♂ Admiral

11 April
Red Footed Booby

61 ♀ ovipp
60 ♀ ovipp
59 ♂ Admiral
58 ♀ ovipp
57 ♂ ovipp
56 ♀ ovipp
55 ♀ ovipp
54 ♀ ½ nest
53 ♂ ovipp
52 ♀ ovipp
51 Sitting
50 ♂ roost
49 ♀ ovipp
48 ♂ ovipp
47 ♂ roost
46 ♀ ovipp
45 ♂ ovipp
44 ♂ ovipp
43 ♂ roost
42 ♂ roost

41 ♀ ovipp

12 April RFB

767 5340 4 Sconegg
767 5335 4 Aconegg
767 5348 3 Fonegg

Sooty Tern
773-42865 V BP
773-00664 Oneggs

BFB-6

BB	RFB	NF
2	1	
38	58	42
29	34	56
27		71
94		39
75	92	208
	11	114
169	103	322

1
11
75
114
200

12 Apl Brown Body

587-86701 ♀ ☌ ☉ SNC + ☽

02 ♂ on ☽ ☍

03 ☊ ☍

04 ♂ + ☽ ☍ + SNC

05 ☌ ☉ SNC

06 ♂ on ☽ ☍

07 ♀ on ☉ ☍

08 Ad hyl BFB

09 Ad hyl BFB

10 BB ♂ on ☽ ☍

11 AC on MON 12

13 Ad ♂ on ☽ ☍

14 Subod

15 ♂ ☌ ☿ most

16 Ad ♀ most

17 Ad ♂ most

18 ♀ on + ☽ ☍ + SNC

19 Subad

20 ♀ on ☽ ☍

21 ♂ on ☽ ☍

22 ♂ on ☽ ☍

23 ♂ + SNC + ☽

24 ☊ ☍

25 ♂ on ☽ ☍

26 ☍

27 Local

28 ♀ most Left body broken

29 ♂ on ☽ ☍

30 ♂ on ☽ ☍

31 ♀ on ☽ ☍

32 ♂ on ☽ ☍

33 ♀ on ☽ ☍

34 ♂ on ☽ ☍

35 ♀ on ☽ ☍

36 Ad ♂ with LON 597

37 ♂ + SNC + ☽

38 ♂ . ☽ ☍ + SNC

39 ♀ . ☽ SNC

40 Ad ♀ + SON 41

42 ☿ most

↓ ♂ 737-45000 Brown Body

Brow Ranch + ♀F

43 ♀ + 44 ♂ + 2 SNC BB
45 ♀ root
46 ♂ on SAN 47
47 ♀ on SNC
48 ♀ - root
50-51 Ad ♀ root
52 ♀ ♀F
53 ♀ BB on eggs
54 ♀ BB on SNC
55 ♂ root BB
56 sub-ad root
57-58 ♀ root
59 ♂ root
60 ♂ root
61 ♂ root
62 ♂ root
63 ♂ on 2 eggs
64 imm
65 Ad ♀
66 Ad ♂

67 ♀ + 2 eggs
68 ♂ + ♀ + SNC
69 ♂ + eggs + SNC
70 ♂ + 2 eggs
71 ♂ + 2 eggs
72 ♂ + 73 SNC
74 ♀ SNC
75 ♂ + SNC TB

Note: 096

72 eggs

♀ Purple

78-77 Ad ♀
79 Ad ♀
80 + Ad ♀
80 Ad ♂
82 ♀
89 Ad ♀
RFB
90 almost ♂ root
91 ♀ root
92 ♀ on eggs
93 Ad.
94 ♀ root
95 ♂ on eggs
96 sub-ad
97 imm almost adult
98 Ad ♂
799 imm
800 sub-ad almost adult

Fryé

587-86801-05 Ad♂
06 Ad♀
07 Ad♂
08-09 Ad♀
10 Ad♂
11-13 Ad♀
14 Ad♂
15 A♀
16 ♂Ad
17-18 Ad♀
19-20 imm
21-28 Ad♂
29 subad♂
30 imm
31 Ad♂
32 Ad♂
33 Ad♂
34 3438 Ad♂
35 39-40 Ad♀
41 42 Ad♂

43 subad♂
44 Ad♂
45 Ad♀
46 imm
47 Ad♂
48-49 Ad♀
50 Ad♂
51 Ad♂
52 imm
53-61 Ad♂
62 subad♂
63-64 Ad♀
65 Ad♀
66-74 Ad♂
75 ♀Ad
76 subad♂ red on back + chest
77 Ad♂
78 Ad♀
79-80 Ad♂
81-83 Ad♀

84-85 Ad♂
86 Ad♀
87 Ad♂
88 Ad♀

Redpoll

767 42809 ♂ with few black feathers on tail

767 42725 ♂♂

587 80378 ♂♂ roost

767 48786 ♂♂ roost

597 12563 ♂♂ roost

Hi Nest egg 44.2 x 31.9
20+ Blackbirdies

eggs	SN	MN
14		
36		
39		
6		

42
96
137

137

0

Brown Nose

51.1 X 37.1
50.1 X 36.7
52.2 X 36.9
51.2 X 36.1
50.1 X 36.1
50.7 X 37
51 X X 36.1
53 X X 35.8
51 X 36.1
54 X X 36.1
51.5 X 36.4
51.9 X 38.4
51.8 X 36.4
53.5 X 37.9
57 X 38
51.8 X 36.2
57 X 35.3
52.8 X 36.9
52.7 X 37.1
54.9 X 38

Redfoot

63.1 X 45.1
64.2 X 41.6
64 X 39.5
64.9 X 40.9
65 X 42.1
60.3 X 38.4
60.5 X 40.9
61 X 43.4
64.3 X 40.7
61.6 X 41
61.3 X 37.8
62.1 X 41.8
62.1 X 40.9
60 X 42.2
58.7 X 39.7
63.6 X 41.9
61 X X 39.4
63.2 X 39.2
62 X 42.8

Relfast

62x42.1
65.5x 40
66.8x 43
55.8x 40.4
59x 39
61.2x 39

BFB

67x45
63.4x 42.9
68.9x 45
65x 44.8

BB

60.2x 41.9
58.9x 40.9

4 BBC

48.2X 34.9
48X 34.9
46.4X 34
49.1X 34
48X 33
46X 34.9
46X 34.7
45.5X 34
44X 33.9
49X 35
49X 35

13 April Brown Body

797-27802— ♀ + BBon egg +SNC

03♂ +047 +SNC

05♂ +2egg

06♀ + 093

07♀ +2egg

08 inn

09 ♀ -13♀ root

14 inn

13♂ on egg

16♀ + 8696 SNC

17♀ +2egg

18 subad Tarantula

19 ♀ root

20 subad

21 ♂ root

√ Brown Body

767532795 ♂ +SNC

" 532772 ♂ +SNC

737530366 ♂ + 1SNC

S Fruple

22-38 Ad ♂

13 April

797-7822-900

38 ♂ ♀
39-40 ♀
41 Ad ♂
42-45 Ad ♀
46-52 Ad ♂
53-55 Ad ♀
56-68 Ad ♂
69 End ♀
70 im
70-80 Ad ♀
74 Ad ♂
75 Ad ♀
76 Subad ♂
77 78 ♀
79 im
80-82 ♂
83-98 Ad ♀
899 ♂ ♀
900 im

Bfly & S. Frigate

797-27 901-♀ ad 49♂
2-3 ♂ ad 50♂
4-5 ♀ 51♀
6-8 ♂ 52-60♂
9-♀ ♀ 61♀
10-11 ♂ 62-64♂
12-13 ♀ 65♂
13-23♂ 66 juv
24-♀ 67♀
25-29♂ 68-72♀
30-32 juv 73♀
33-37♂ 74 juv
38-39 juv
40-41♂
42 juv
43-44♂
45♀
46 juv
47♂
48♀

17 April Brown Back (+1 BFB)

Brown Back
790♂+ MDN
80♀+2 juv
81♂ 1 juv + 1 egg
82♀ + egg
83♂+2 eggs
84♀+2 SNC
85♀ nest
86 nest
86 725+ 87♀+2 eggs
88♀ nest
89♂ nest
90♂+ 907+2 eggs
92♀+1 egg
93♀ nest
94♂ nest
95♀+2 eggs
96 nest
97♂+2 eggs
98♂+1 egg
99♂+2 eggs
800♀+2 eggs

75♀ nest
76 nest
77♂+2 eggs
78 BFB

7530-222-0078

FEDERAL SUPPLY SERVICE

GPO 943—16—73124-2